

P20804.P01

# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.

P20804

Total Pages

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Inventor(s) or Application Identifier

Nobuhiko NOMA, Mikio MIZUTANI, and Toshiyuki OUGI

Title: MODEM APPARATUS, COMMUNICATION APPARATUS AND COMMUNICATION CONTROL METHOD

ADDRESS TO:

 Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, DC 20231

## APPLICATION ELEMENTS

## ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
- a. ☐ Small Entity Statement(s)
3. ☒ Specification [Total Pages 16]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) [Total Sheets 7]
- ☒ Oath or Declaration [Total Pages 4]
- a. ☒ Newly executed (original or copy) ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 20 completed)  
[Note Box 6 below]
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Incorporation By Reference (useable if Box 5b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
7. ☐ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)

9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies
10. ☒ Assignment Papers (cover sheet & document(s))
11. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
16. ☒ Figure of Drawing to be published 1
17. ☒ Foreign priority claimed
- a. ☒ Claim of Priority
- b. ☒ Certified Copy of Priority Document(s)
18. ☒ Assignee: MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC. of Tokyo, JAPAN
19. ☐ Other: \_\_\_\_\_

20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. \_\_\_\_\_ / \_\_\_\_\_, filed \_\_\_\_\_.  
 Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_
21. ☐ Amend the specification by inserting before the first line the sentence:This application is a    continuation-in-part,    continuation,    divisional, of Application No. \_\_\_\_\_ / \_\_\_\_\_, filed \_\_\_\_\_.Address all future correspondence to **Customer No. 7055** at the present address of:

GREENBLUM &amp; BERNSTEIN, P.L.C.

 1941 Roland Clarke Place  
 Reston, VA 20191  
 (703) 716-1191

Date


 Signature

Bruce H. Bernstein, Reg No. 29,027

Typed or Printed Name

<b>FEE TRANSMITTAL</b>		<b>Complete if Known</b>		
		Application Number	Not Yet Assigned	
		Filing Date	Concurrently Herewith	
		First Named Inventor	N. NOMA et al.	
		Group Art Unit	Unassigned	
		Examiner Name	Unassigned	
<b>TOTAL AMOUNT OF PAYMENT</b>		(\$) <b>750.00</b>	Attorney Docket Number	P20804

  

<b>METHOD OF PAYMENT (check one)</b>	<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																																																																																																																																										
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM &amp; BERNSTEIN, P.L.C.</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)</p> <p><input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check    <input type="checkbox"/> Credit Card    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p> <p style="text-align: center;"><b>FEE CALCULATION (fees effective 12/29/99)</b></p> <p><b>1. FILING FEE</b></p> <table style="width:100%;"> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>101</td> <td>710</td> <td>201</td> <td>355</td> <td>Utility filing fee</td> <td>710</td> </tr> <tr> <td>106</td> <td>320</td> <td>206</td> <td>160</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>490</td> <td>207</td> <td>245</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>710</td> <td>208</td> <td>355</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5"><b>SUBTOTAL (1)</b></td> <td><b>(\$)<u>710</u></b></td> </tr> </table> <p><b>2. CLAIMS</b></p> <table style="width:100%;"> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <td>10 -20=</td> <td>0</td> <td>x 18</td> <td>= 0</td> </tr> <tr> <td>Independent 2 -3=</td> <td>0</td> <td>x 80</td> <td>= 0</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td>x</td> <td>= 0</td> </tr> </table> <table style="width:100%;"> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>80</td> <td>202</td> <td>40</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135</td> <td>Multiple dependent claim</td> <td></td> </tr> <tr> <td>109</td> <td>80</td> <td>209</td> <td>40</td> <td>Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5"><b>SUBTOTAL (2)</b></td> <td><b>(\$)<u>0.00</u></b></td> </tr> </table>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee	710	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>(\$)<u>710</u></b>	Total Claims	Extra	Fee from below	Fee Paid	10 -20=	0	x 18	= 0	Independent 2 -3=	0	x 80	= 0	Multiple Dependent Claims		x	= 0	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim		109	80	209	40	Reissue independent claims over original patent		110	18	210	9	Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					<b>(\$)<u>0.00</u></b>	<p><b>3. ADDITIONAL FEES</b></p> <table style="width:100%;"> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet.</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Prior to Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for response within 1st month</td> <td></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for response within 2nd month</td> <td></td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for response within 3rd month</td> <td></td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td>Extension for response within 4th month</td> <td></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Extension for response within 5th month</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620</td> <td>Petition to revive unavoidably abandoned application</td> <td></td> </tr> <tr> <td>142</td> <td>1,240</td> <td>242</td> <td>620</td> <td>Petition to revive unintentionally abandoned application</td> <td></td> </tr> <tr> <td>143</td> <td>440</td> <td>243</td> <td>220</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>300</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td>146</td> <td>710</td> <td>246</td> <td>355</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40</td> </tr> <tr> <td>149</td> <td>710</td> <td>249</td> <td>355</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>179</td> <td>710</td> <td>279</td> <td>355</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td><b>(\$)<u>40</u></b></td> </tr> </table> <p>*Reduced by Basic Filing Fee paid</p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR		113	1,840*	113	1,840*	Prior to Examiner action		115	110	215	55	Requesting publication of SIR after Examiner action		116	390	216	195	Extension for response within 1st month		117	890	217	445	Extension for response within 2nd month		118	1,390	218	695	Extension for response within 3rd month		128	1,890	228	945	Extension for response within 4th month		119	310	219	155	Extension for response within 5th month		120	310	220	155	Notice of Appeal		121	270	221	135	Filing a brief in support of an appeal		138	1,510	138	1,510	Request for oral hearing		140	110	240	55	Petition to institute a public use proceeding		141	1,240	241	620	Petition to revive unavoidably abandoned application		142	1,240	242	620	Petition to revive unintentionally abandoned application		143	440	243	220	Utility issue fee (or reissue)		144	600	244	300	Design issue fee		122	130	122	130	Plant issue fee		123	50	123	50	Petitions to the Commissioner		126	240	126	240	Petitions related to provisional applications		581	40	581	40	Submission of IDS		146	710	246	355	Recording each patent assignment per property (times number of properties)	40	149	710	249	355	Filing a submission after final rejection (37 CFR 1.129(a))		179	710	279	355	For each additional invention to be examined (37 CFR 1.129(b))		169	900	169	900	Request for Continued Examination (RCE)						Request for expedited examination of a design application		Other fee (specify) _____						Other fee (specify) _____						<b>SUBTOTAL (3)</b>					<b>(\$)<u>40</u></b>
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																						
101	710	201	355	Utility filing fee	710																																																																																																																																																																																																																																																																																																						
106	320	206	160	Design filing fee																																																																																																																																																																																																																																																																																																							
107	490	207	245	Plant filing fee																																																																																																																																																																																																																																																																																																							
108	710	208	355	Reissue filing fee																																																																																																																																																																																																																																																																																																							
114	150	214	75	Provisional filing fee																																																																																																																																																																																																																																																																																																							
<b>SUBTOTAL (1)</b>					<b>(\$)<u>710</u></b>																																																																																																																																																																																																																																																																																																						
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																																																																																																																																								
10 -20=	0	x 18	= 0																																																																																																																																																																																																																																																																																																								
Independent 2 -3=	0	x 80	= 0																																																																																																																																																																																																																																																																																																								
Multiple Dependent Claims		x	= 0																																																																																																																																																																																																																																																																																																								
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																						
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																																																																							
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																																																																																																																																							
104	270	204	135	Multiple dependent claim																																																																																																																																																																																																																																																																																																							
109	80	209	40	Reissue independent claims over original patent																																																																																																																																																																																																																																																																																																							
110	18	210	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																																							
<b>SUBTOTAL (2)</b>					<b>(\$)<u>0.00</u></b>																																																																																																																																																																																																																																																																																																						
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																						
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																																							
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																																																																																																																																							
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																																																							
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																																																							
112	920*	112	920*	Requesting publication of SIR																																																																																																																																																																																																																																																																																																							
113	1,840*	113	1,840*	Prior to Examiner action																																																																																																																																																																																																																																																																																																							
115	110	215	55	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																																							
116	390	216	195	Extension for response within 1st month																																																																																																																																																																																																																																																																																																							
117	890	217	445	Extension for response within 2nd month																																																																																																																																																																																																																																																																																																							
118	1,390	218	695	Extension for response within 3rd month																																																																																																																																																																																																																																																																																																							
128	1,890	228	945	Extension for response within 4th month																																																																																																																																																																																																																																																																																																							
119	310	219	155	Extension for response within 5th month																																																																																																																																																																																																																																																																																																							
120	310	220	155	Notice of Appeal																																																																																																																																																																																																																																																																																																							
121	270	221	135	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																																							
138	1,510	138	1,510	Request for oral hearing																																																																																																																																																																																																																																																																																																							
140	110	240	55	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																																							
141	1,240	241	620	Petition to revive unavoidably abandoned application																																																																																																																																																																																																																																																																																																							
142	1,240	242	620	Petition to revive unintentionally abandoned application																																																																																																																																																																																																																																																																																																							
143	440	243	220	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																																							
144	600	244	300	Design issue fee																																																																																																																																																																																																																																																																																																							
122	130	122	130	Plant issue fee																																																																																																																																																																																																																																																																																																							
123	50	123	50	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																							
126	240	126	240	Petitions related to provisional applications																																																																																																																																																																																																																																																																																																							
581	40	581	40	Submission of IDS																																																																																																																																																																																																																																																																																																							
146	710	246	355	Recording each patent assignment per property (times number of properties)	40																																																																																																																																																																																																																																																																																																						
149	710	249	355	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																																							
179	710	279	355	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																																							
169	900	169	900	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																							
				Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																							
Other fee (specify) _____																																																																																																																																																																																																																																																																																																											
Other fee (specify) _____																																																																																																																																																																																																																																																																																																											
<b>SUBTOTAL (3)</b>					<b>(\$)<u>40</u></b>																																																																																																																																																																																																																																																																																																						

<b>SUBMITTED BY</b>				<b>Complete (if applicable)</b>	
Typed or Printed Name		Bruce H. Bernstein		Reg. Number	
Signature				29,027	
		Date		3/20/01	
		Deposit Account User ID			